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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/170,042 10/13/98 HASTINGS

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022195  
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HM22/0329

EXAMINER

HAYES, R

ART UNIT

PAPER NUMBER

1647

DATE MAILED:

03/29/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks



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Please find below a communication from the **EXAMINER** in charge of this application

Commissioner of Patents

The communications filed on **1/21/00** (paper #4) and **2/28/01** (paper #9) remain not fully responsive to the communications mailed **12/22/99** (paper #3) and **9/29/00** (paper #6) because, as previously made of record, 37 CFR 1.821 (a)(2)(c-d) states that each sequence disclosed must appear separately in the "Sequence listing" **and in the text of the description and claims** (i.e., where first mentioned in the specification). See MPEP 2431. In particular, the Brief Description of the Figures on page 4 must recite SEQ ID NOs: 1 & 2. **It also remains unknown what SEQ ID NO: 15 represents.** Further, Figure 3 shows no DNA sequences (i.e., SEQ ID NO:18), which is further not consistent with page 11's disclosure of what SEQ ID NO:18 represents. Therefore, the specification must be amended, and a new CRF and paper copy is required should these sequences not be contained within the instant Raw Sequence Listing. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

APPLICANT IS GIVEN A ONE MONTH EXTENDABLE PERIOD WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in **ABANDONMENT** of the application under 37 CFR 1.821(g). In that the sixth month statutory period expires **3/29/01**, no further extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

Any inquiry concerning this communication should be directed to Examiner **Robert C. Hayes**, Art Unit **1647**, whose telephone number is **703-305-3132**.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0196.

Robert C. Hayes, Ph.D.  
March 22, 2001

GARY L. KUNZ  
SUPERVISORY PATENT EXAMINER  
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